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#2
Pre Amended

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

TAKURO SEKIYA ET AL.

: EXAMINER:

SERIAL NO: 10/085,204

:

FILED: FEBRUARY 26, 2002

: GROUP ART UNIT:

FOR: SURFACE-EMISSION LASER DIODE OPERABLE
IN THE WAVELENGTH BAND OF 1.1-1.7 μm AND
OPTICAL TELECOMMUNICATION SYSTEM
USING SUCH A LASER DIODE

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Before examining the captioned patent application, please enter the following Preliminary
Amendment:

IN THE SPECIFICATION

*Please amend the specification as shown in the Attachment to the amendment.¹ Clean
passages from the amended specification are provided below:*

Amend page 70, lines 4-11 to read as follows:

a1
In the construction of Figure 20, it should be noted that
the design wavelength (λ) of the distributed Bragg reflector is
1.5 μm , and the thickness of the $\text{Al}_{0.8}\text{Ga}_{0.2}\text{As}$ layer 18a and the
thickness of the GaAs layer 18b are respectively chosen to

¹In the Attachment to this amendment, underlining and bracketing show the changes
introduced into the specification to arrive at the clean text provided here.